

FIG. 1A

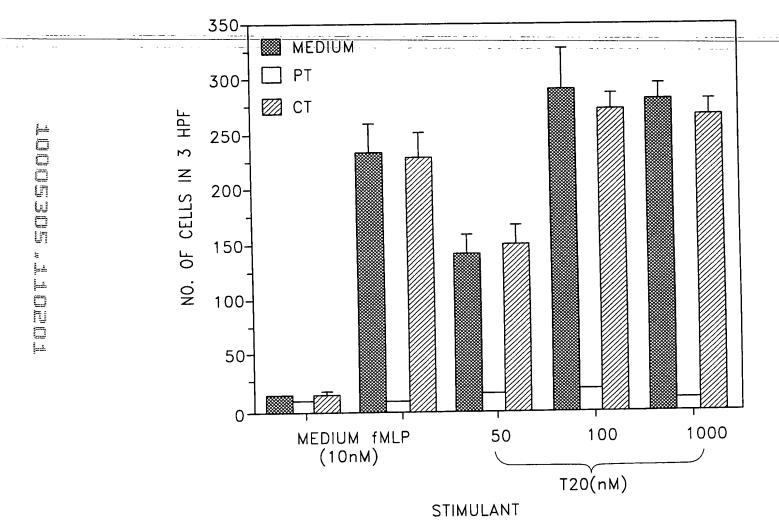


FIG. 1B

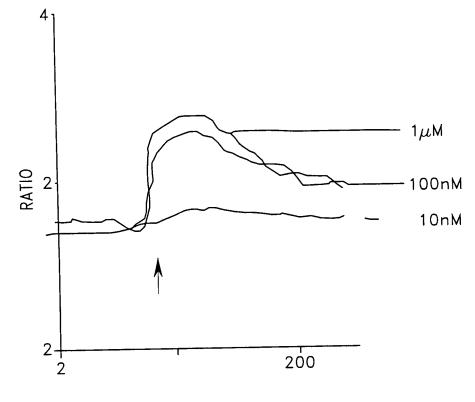
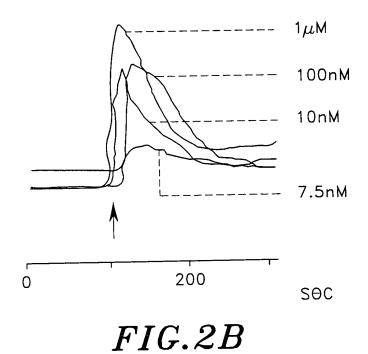


FIG.2A



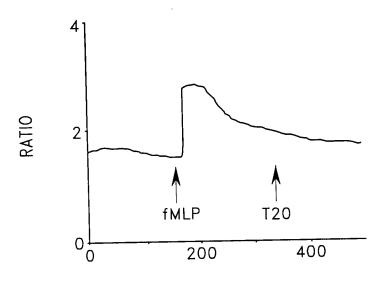


FIG.2C1

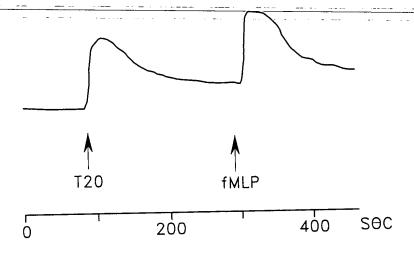


FIG.2C2

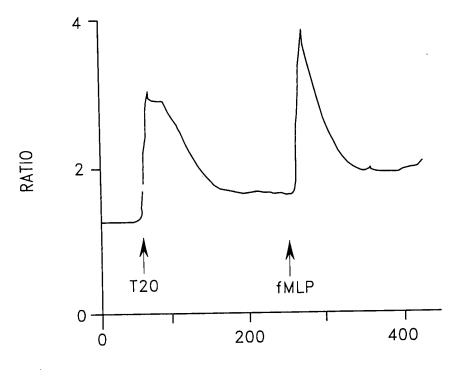


FIG.2C3

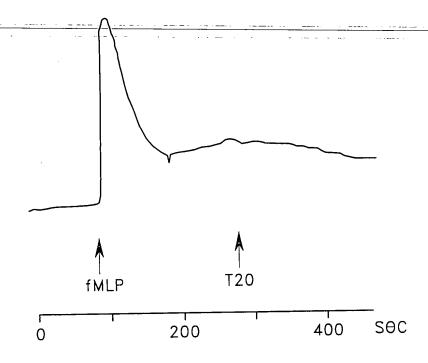
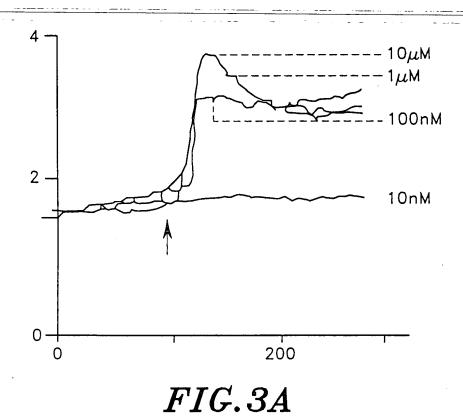
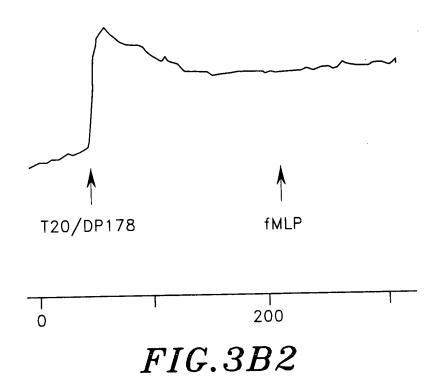


FIG.2C4







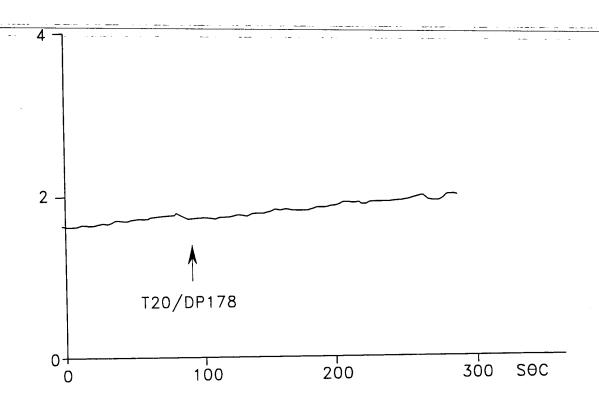


FIG.3C

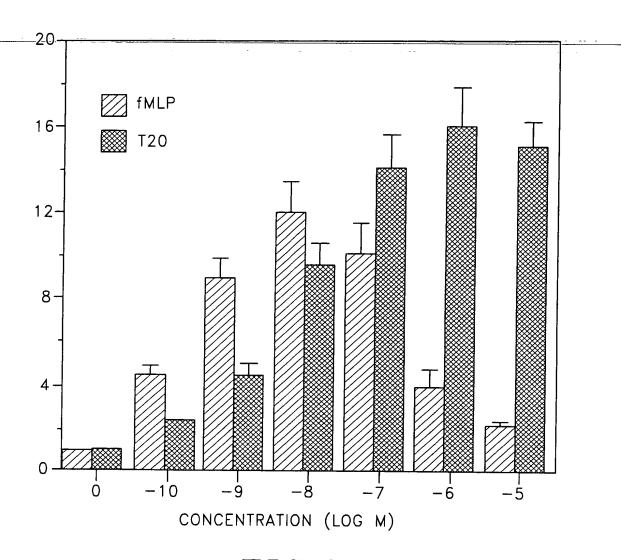
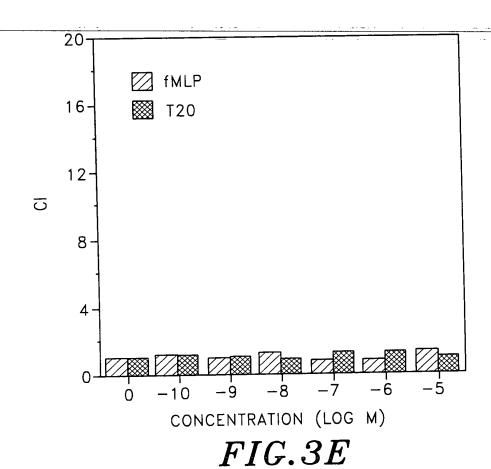


FIG.3D



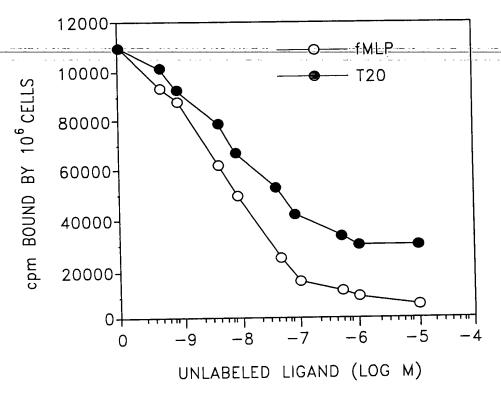


FIG.3F

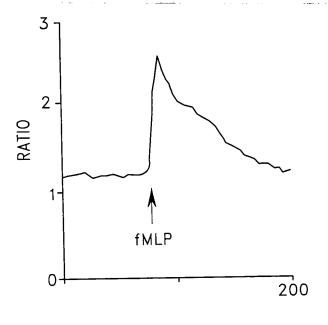


FIG.4A1

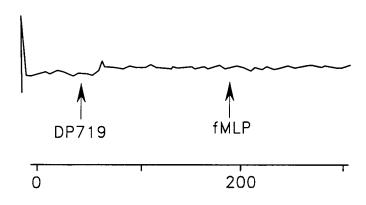


FIG.4A2

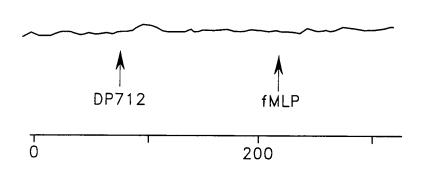


FIG.4A3

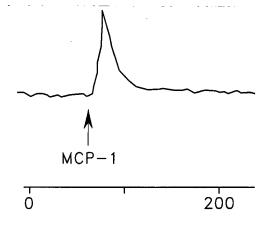


FIG.4A4

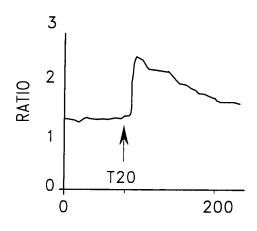


FIG.4A5

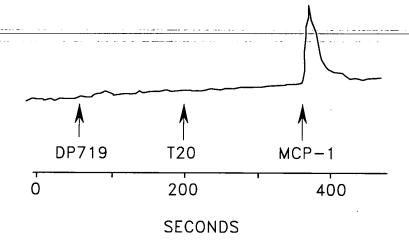


FIG. 4A6

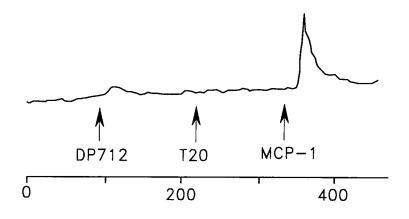


FIG. 4A7

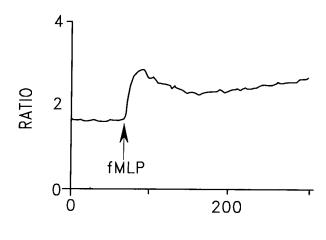


FIG. 4B1

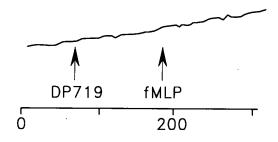


FIG. 4B2

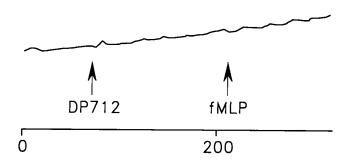
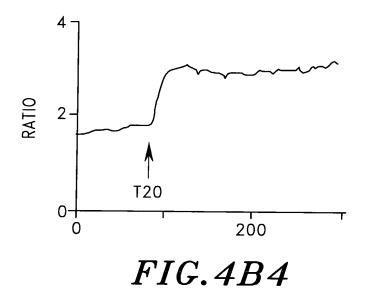
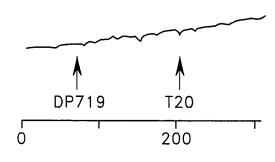


FIG.4B3





Seconds

FIG. 4B5

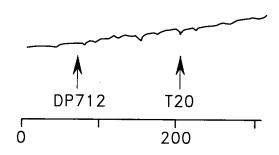


FIG. 4B6

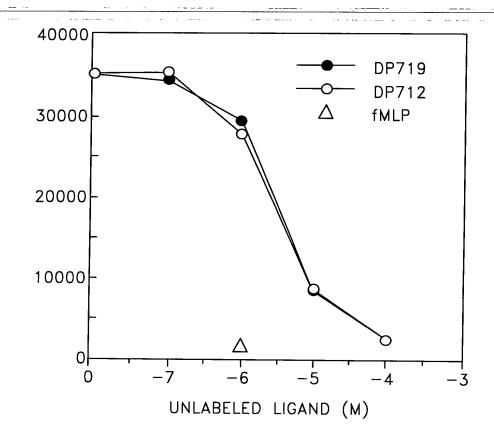


FIG.5A

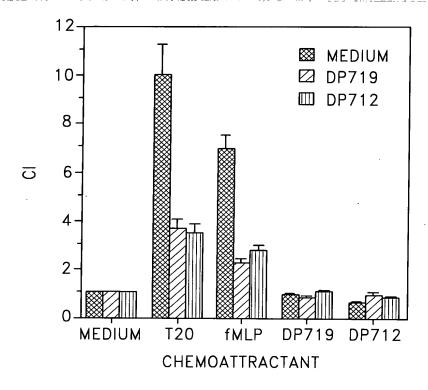


FIG.5B

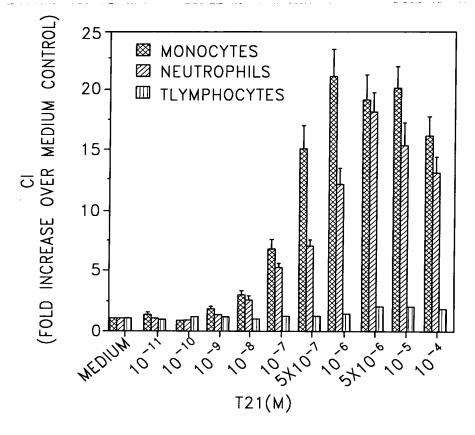


FIG. 6A

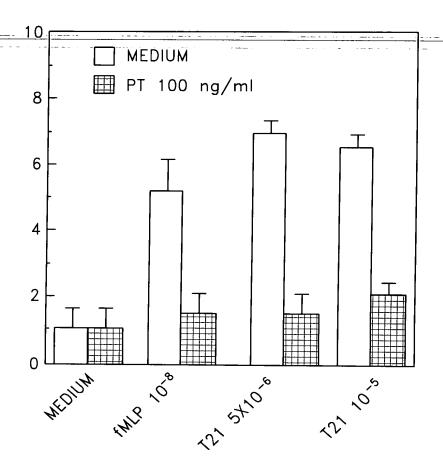
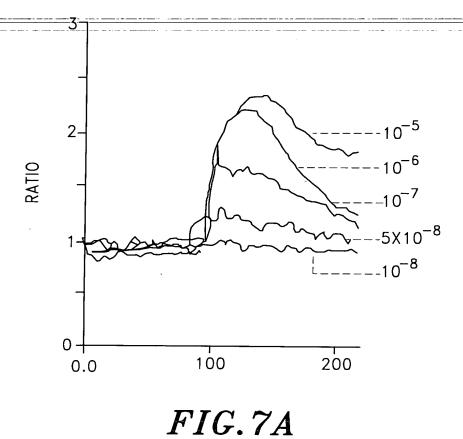


FIG. 6B



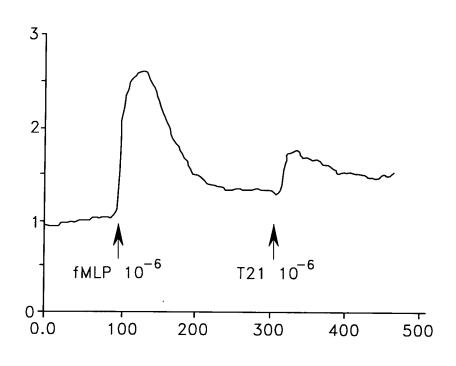


FIG. 7B1

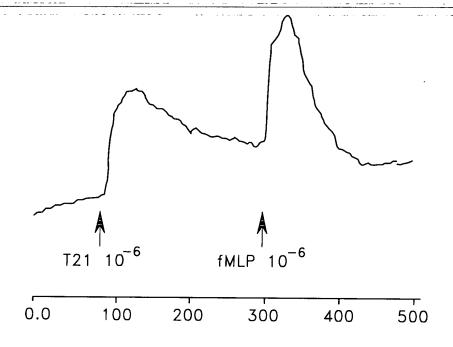
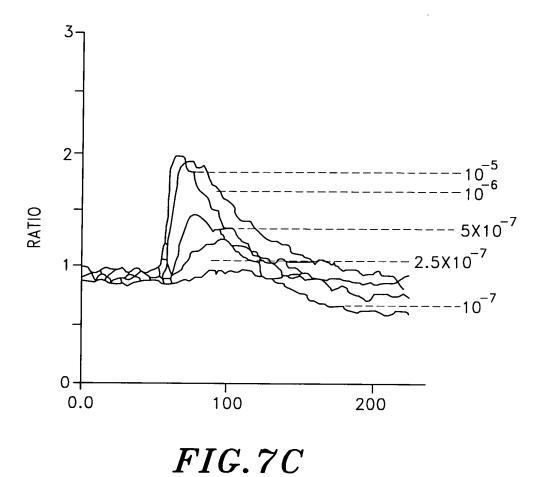


FIG. 7B2



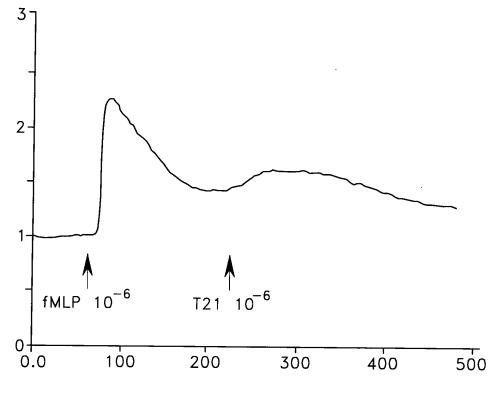


FIG. 7D1

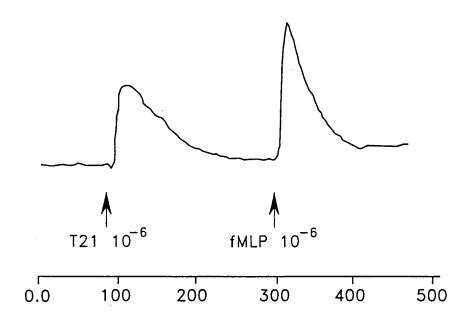
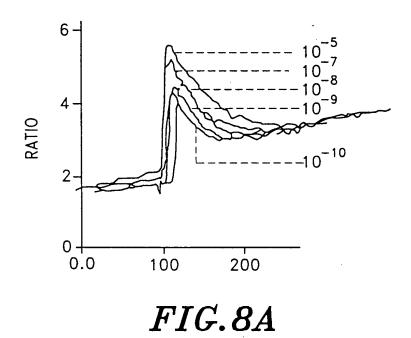


FIG. 7D2



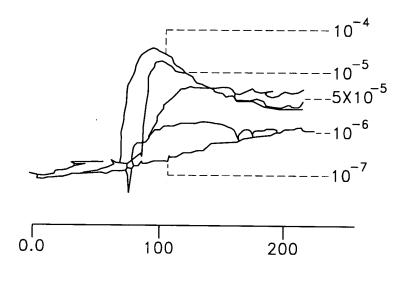


FIG.8B

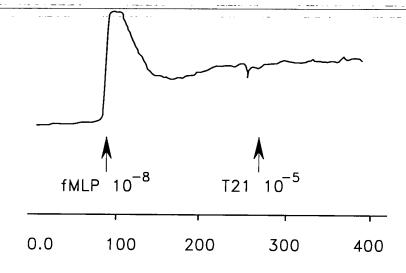


FIG.8C1

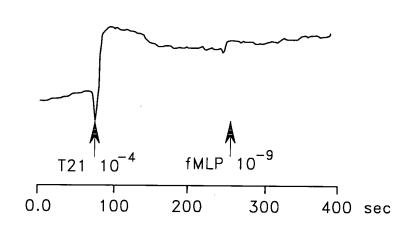
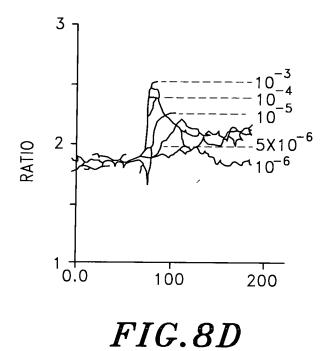


FIG.8C2



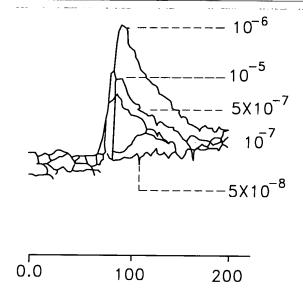


FIG.8E

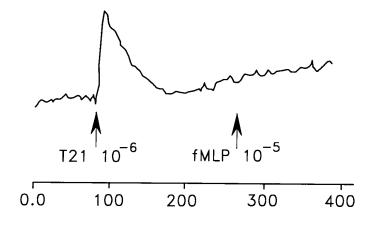


FIG.8F1

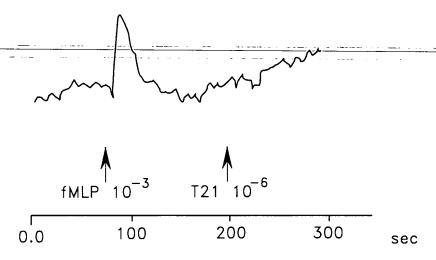


FIG.8F2

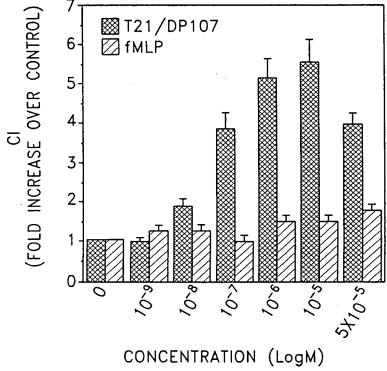
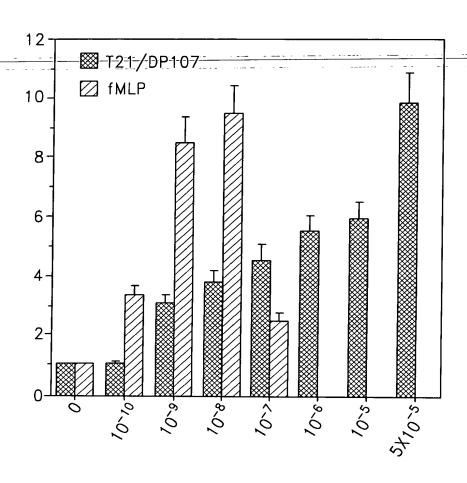


FIG. 9A



CONCENTRATION (LogM)

FIG.9B